

Amendments to the Specification:

Please replace paragraph [22] beginning at page 4, line 23, with the following.

--[22] The present invention also provides isolated polypeptides comprising an amino acid sequence at least 70% identical to ~~SEQ ID NO:~~ SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:10, SEQ ID NO:12 or SEQ ID NO:14. In some embodiments, the polypeptide is ~~SEQ ID NO:~~ SEQ ID NO:2, SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:10, SEQ ID NO:12 or SEQ ID NO:14.--

Please replace paragraph [85] beginning at page 22, line 32, with the following.

--[85] Immunoaffinity chromatography using antibodies raised to a variety of affinity tags such as hemagglutinin (HA), FLAG, Xpress, Myc, hexahistidine (SEQ ID NO:15) (His), glutathione S transferase (GST) and the like can be used to purify polypeptides. The His tag will also act as a chelating agent for certain metals (e.g., Ni) and thus the metals can also be used to purify His-containing polypeptides. After purification, the tag is optionally removed by specific proteolytic cleavage.--

Please replace paragraph [164] beginning at page 42, line 22, with the following.

--[164] Common linkers such as peptides, polyethers, and the like can also serve as tags, and include polypeptide sequences, such as ~~poly-gly~~ poly-Gly sequences of between about 5 and 200 amino acids (SEQ ID NO:16). Such flexible linkers are known to those of skill in the art. For example, ~~poly(ethelyne glycol)~~ poly(ethylene glycol) linkers are available from Shearwater Polymers, Inc., Huntsville, Alabama. These linkers optionally have amide linkages, sulfhydryl linkages, or heterofunctional linkages.--

Appl. No. 10/516,635

PATENT

Amdt. dated May 24, 2005

Reply to Notification of Missing Requirements of March 24, 2005

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 20, at the end of the application.